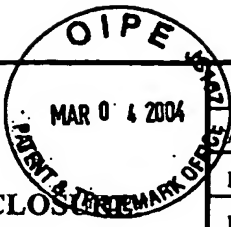


Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Complete if Known

Application Number	10/027,232
Filing Date	December 20, 2001
First Named Inventor	Yukihisa TAKEUCHI
Art Unit	2821
Examiner Name	Minh D. A
Confirmation No.	9132
Attorney Docket No.	782_208

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
MA	BA	5,508,590	04/16/1996	Sampayan et al.				
MA	BB	5,453,661	09/26/1995	Auciello et al.				
MA	BC	6,157,145	12/5/2000	Vollkommer et al.				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
MA	BD	3833604	04/05/1990	DE			✓	
MA	BE	2639151	05/18/1990	FR			✓	
MA	BF	428853	05/29/1991	EP			✓	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	<i>Yukihisa Takeuchi</i>	Date Considered:	10/20/05
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/027,232
				Filing Date	December 20, 2001
				First Named Inventor	Yukihisa TAKEUCHI
				Art Unit	Not Assigned <i>2 2921</i>
				Examiner Name	Not Assigned <i>MINHA</i>
Confirmation No.	9132				
Sheet	1	of	1	Attorney Docket No.	782_208

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

<i>MA</i>	AA	<i>Electron Emission from Ferroelectric Cathodes Excited by Pulsed Voltage</i> , Masatoshi Miyake et al. (Tokyo Institute of Technology), T. IEE Japan, Vol. 119-A, No. 5, '99, Pages 622-627
<i>MA</i>	AB	<i>Pulsed electron source using a ferroelectric cathode</i> , Kiochi Yasuoka et al. (Tokyo Institute of Technology), Vol. 68, No. 5, '99, Pages 546-550
<i>MA</i>	AC	<i>On the mechanism of emission from the ferroelectric ceramic cathode</i> , Victor F. Puchkarev et al., J. App. Phys. 78 (9), 1 November 1995, Pages 5633-5637
<i>MA</i>	AD	<i>Electron emission from ferroelectrics - a review</i> , H. Riege, Nuclear Instruments and Methods in Physics Research, A340(1994), Pages 80-89

Examiner:	<i>Mark Dreck</i>	Date Considered:	<i>10/20/05</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Application Number	10/027,232		
		Filing Date	December 20, 2001		
		First Named Inventor	Yukihisa TAKEUCHI		
		Art Unit	2879		
		Examiner Name	Not Assigned <i>MIAHA</i>		
Confirmation No.	9132 <i>2821</i>				
Sheet	1	of	1	Attorney Docket No.	782_208

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial	Application Number	Our Docket No.	Filing Date	Inventor Name	Class	Sub Class

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
<i>MA</i>	AE 7-147131	06/06/1995	JP				
	AF 2000-285801	10/13/2000	JP				
	AG 1-311533	12/15/1989	JP				
	AH 46-20944	06/12/1971	JP				
<i>✓</i>	AI 44-26125	11/04/1969	JP				

 OTHER DOCUMENTS
 (Including Author, Title, Date, Pertinent Pages etc.)

Examiner: <i>M. H. J. J.</i>	Date Considered: <i>10/20/05</i>
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